NATIONAL LIBRARY OF MEDICINE
NEWS

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MEDICAL LIBRARY

RSD Houses Expanded Multimedia Resource

During the past several months, the Library has completed the development of a basic, or preliminary, multimedia resource area in the Reading Room of the Reference Services Division. Three study carrels at one end of the room have been remodeled to provide soundproof, comfortable viewing and listening areas.

Just outside the three carrels is a long table on which is arranged the Library's current audiovisual periodicals collection -- cassette tapes, including the monthly offerings of ACCESS, from the American College of Cardiology; Audio-Digest, with its many sections, such as anesthesia, general practice, internal medicine, etc.; and the AMA Audio News Journal. Close by are the cassette recorder on which they may be heard, and accompanying printed materials.

A user consults the card catalog in the multimedia resource area.

There are numerous film catalogs from government, commercial, university, and professional association sources. There is a card catalog, in which all items in the multimedia collection are listed by subject, by name, and -- in the shelflist -- by medium. There is a collection of videotapes issued by the Network for Continuing Medical Education in New York, two of which are received each month and retained for a limited period. A large color television receiver stands ready for use, with headphones at hand.

The first carrel contains a microfiche reader, microfilm reader, 8 mm loop cartridge film projectors, a reel-to-reel tape recorder, cassette recorder, slide projector with screen, and a record player. Current materials of particular interest are at hand for ready use.

The next carrel is reserved for special exhibits. At present, it houses Cardiovascular Self-Teaching materials developed by the Division of Cardiology at Georgetown University Hospital. Here, the student or physician has access to a variety of study materials, including up-to-date textbooks and current literature. Actual brief case histories pertinent to a particular problem are immediately available on slide sets with synchronized tape recordings. Physical signs, such as the general appearance, jugular venous pulse, and precordial movements, may be observed

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U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service • National Institutes of Health

NATIONAL LIBRARY OF MEDICINE
NEWS

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MEDLARS Tape Subscriptions

In April 1971, the National Library of Medicine will make available on subscription magnetic tapes containing data from the Library's computer-based Medical Literature Analysis and Retrieval System (MEDLARS). The tapes contain citations to the biomedical journal articles which are indexed to provide the data base for NLM publication and information services. Tapes will be made available in only the following format: 1/2" IBM 7094, 800 BPI, seven-track.

Individuals or organizations may subscribe for $30,000 per year under the conditions set forth in §4.5c of NLM regulations on availability of products, services, and facilities (published in the *Federal Register* on March 2, 1971). Subscribers will receive the current monthly tape file of citations indexed for MEDLARS and dictionary files which will facilitate use of the citation file. Subscribers may also obtain up to three years of back files by direct purchase. Programming and system documentation will not be available.

The National Technical Information Service (NTIS), 5285 Port Royal Road, Springfield, Virginia, will sell and distribute the data tapes for the Library. A booklet describing the contents and format of the tapes will soon be available from that organization. Prospective purchasers may obtain a pilot tape and dictionary file from NTIS for a one-time charge of $100. Before a subscription is entered, purchasers must execute a purchase agreement obtained from the National Library of Medicine. This purchase agreement will:

a. hold the Government free from liability for the technical operations of the purchaser or from any copyright constraints applicable to the data in MEDLARS;

b. leave the Library free to make any changes in MEDLARS without regard to the impact such changes may have on the purchaser's system or potential use to be made of the tapes;

c. exempt the Government from any licensure, copyright, or other reproduction constraints for all products developed from MEDLARS tapes;

d. restrict the purchaser from duplication and distribution of the tapes without the permission of the National Library of Medicine.

Purchase agreements are available from: Dr. Joseph Leiter, Associate Director for Library Operations, National Library of Medicine, 8600 Rockville Pike, Bethesda, Maryland 20014. ATTN: Tape Purchase Agreement.

New PL 480 Projects

The International Programs Division, Extramural Programs, NLM, reports that the following new projects have been activated since January 1, 1971, under the overall NLM Public Law 480 Agreement with the *Israel Journal of Medical Sciences:*

1. A critical review on Algal Toxins, by Dr. M. Shilo, Head, Department of Microbiological Chemistry, Hebrew University- Hadassah Medical School.

2. A critical review on the "Physiology of Mycoplasmas" by Dr. S. Razin, Professor of Microbiology, Hebrew University-Hadassah Medical School.

3. A study in the history of medicine by Dr. Elinor Lieber of Hadassah Medical School, entitled: "Pythagoras and Favism."

4. A critical review by Dr. Shimon Gatt of the Department of Biochemistry, Hadassah Medical School, entitled: "Inhibitors of Complex Lipid Metabolism."

5. Provision of partial publication costs of a Special Issue of the *Israel Journal of Medical Sciences* devoted to a recent conference held in Jerusalem on erythropoiesis.

6. Partial publication support for a Special Issue of the *Israel Journal of Medical Sciences*, devoted to the abstract proceedings of the Eighth European Symposium on Calcified Tissues, edited by Dr. Jacob Menczel.

7. Dr. Uriel Bachrach, Associate Professor of Microbiology, Hebrew University-Hadassah Medical School, a critical review on the "Function of Naturally Occurring Polyamines."

Conference Planned on Multimedia in the Health Sciences

A national conference to explore the combined use of multimedia communications techniques in health science education will be sponsored this summer through a contract with the Bureau of Health Manpower Education, NIH, and the National Library of Medicine. The meeting will take place in Cincinnati, Ohio, July 18-21, 1971, concurrent with the annual convention of the National Audio-Visual Association.

The program will demonstrate how audiovisual concepts, closed circuit television, computers, programmed instruction, and various "software" can be combined to improve instruction in the health sciences. During workshops and plenary sessions, conferees will investigate ways to create a teaching and learning environment designed to shorten the length of formal instruction, while enriching the student's learning experience.

Attendance is open to deans, associate deans, faculty members, directors, and staff of educational resource centers (biomedical communications centers) of schools of medicine, dentistry, public health, nursing, and other allied health science schools, and directors of medical education in teaching hospitals.

Among the speakers, panel chairmen, and panelists are: Dr. John S. Zapp, Deputy Assistant Secretary for Health Manpower, DHEW; Dr. Robert M. Bucher, Deputy Director,

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(Multimedia Resource Area,from Page 1)

by using 8mm motion pictures. Heart sounds and murmurs representing a spectrum of pathology in the field of cardiovascular disease can be heard through a stethophone and seen on the oscilloscope of an audiovisual heart sound recorder.

X-ray films, angiograms, and cineangiograms illustrating abnormal aspects of cardiovascular radiology may be viewed in the carrel. In a separate loose-leaf book are photocopies of electrocardiograms of specific cardiac lesions. Another supplement to the foregoing materials is "Text-Boxes of Cardiology" -- mounted pathologic specimens illustrating specific lesions. The case history, physical findings, electrocardiogram, x-rays, and laboratory data are incorporated into plastic side panels of the base supporting each mounted specimen.

A student hears heart sounds through the stethophone in the special exhibits carrel.

At the rear of the special exhibits carrel is a multimedia instructional system for training nurses in intensive coronary care, produced by the Nursing Division, Bureau of Health Manpower Education, NIH. It consists of a series of tapes and film strips combined in cassettes, 8mm cartridge sound motion pictures and accompanying study guides, workbooks, and texts. The carrel also contains slide sets and audiotapes on the clinical practice of cardiology prepared by the American Heart Association.

The third carrel is a projection room in which up to eight viewers may be seated; equipment includes a 16mm motion picture projector, a slide projector, and reel-to-reel stereophonic tape recorder.

The multimedia resource area constitutes an addition to the reference resources of the Library, illustrating how non-print media and traditional library facilities may be coordinated to provide dynamic, responsive information services. It is hoped that this will serve as a showcase of the media available in the biomedical field and of new equipment -- a prototype for other medical libraries.

Information Sought for Austin Supplement

With the support of Mr. Robert B. Austin, Dr. John B. Blake, Chief, HMD, is preparing a supplement to his *Early American Medical Imprints, 1668-1820* (Washington: National Library of Medicine, 1961) which will list imprints which were unknown to Mr. Austin when his bibliography went to press, or the existence of which he was unable to verify. Dr. Blake should be grateful to any readers who could send him details, including the location of at least one copy, of any medical work in its wider sense, as defined in Mr. Austin's "Introduction," published in the present United States before 1821 and not included in his list. He should also be glad to learn of any entries in need of correction. Respondents should write to Dr. Blake at the National Library of Medicine, 8600 Rockville Pike, Bethesda, Maryland 20014.

Notes from the History of Medicine Division

Peter D. Olch, M.D., Deputy Chief of the Division, delivered the annual Samuel Clark Harvey Lecture in the History of Surgery at the Yale University School of Medicine Library on February 22. Dr. Olch's topic was "Evarts A. Graham, the American College of Surgeons, and the American Board of Surgery."

Dr. Harvey, in whose honor the lectureship was established, retired in 1952 with the title of William H. Carmalt professor emeritus of surgery, after 33 years on the faculty of the Yale University School of Medicine. Previous lectures have been delivered by many eminent men of medicine, including Owen Wangensteen, Lloyd Stevenson, and Edward D. Churchill.

* * *

A major addition to the HMD collection in February was a copy of the first edition of Hooke's *Micrographia* (1665), one of the most significant books in the history of microscopy.

The papers of the late Dr. Henry Nelson Harkins were received as a gift from Mrs. Harkins, to be incorporated in the manuscript collection. Dr. Harkins, a member of the Library's Board of Regents from 1962 to 1966, was a distinguished surgeon and professor of surgery at the University of Washington in Seattle.

Dr. William Hugh Feldman, a Washington, D. C. specialist in experimental pathology, presented to the Library a collection of 90 portrait photographs of pathologists taken by Dr. Feldman.

New Exhibit Features Naval Medicine

Now on display in the lobby of the National Library of Medicine is the first exhibit of art ever assembled from the Navy Combat Art Collection which is limited to the subject of naval medicine. The exhibit, which marks the 100th anniversary of the Naval Medical Corps, is sponsored by Vice Admiral George M. Davis, Surgeon General of the Navy.

Many of the Nation's finest artists are represented in the thirty paintings, sketches, and drawings depicting Navy Medical Department activities during the period from 1941 to 1971. The artists include Dwight C. Shepler, Joseph Hirsch, Cecile Ryden, and David Stone Martin.

The exhibit was opened with a brief ceremony at the Library on March 8. It will be on display until May 30, during regular Library hours: Monday-Friday, 8:30 a.m. - 9:00 p.m., and Saturday, 8:30 a.m. - 5:00 p.m.

Personnel

Kent Smith

Kent A. Smith has been appointed Executive Officer of the National Library of Medicine. Mr. Smith comes to NLM from the Division of Research Resources, where he served as Administrative Officer, Assistant Executive Officer, and Executive Officer. Prior to coming to NIH, Mr. Smith was a Management Analyst in the Department's Office of Management Policy.

Born in Boston, Massachusetts, Mr. Smith received a BA from Hobart College, Geneva, New York, in 1960, and an MPA two years later from Cornell University's Graduate School for Business and Public Administration.

Mr. Smith replaces George F. Russell, Jr., who is now Executive Officer for the National Institute of Child Health and Human Development.

* * *

Dr. Linn W. Kelner, MEDLARS Search Training Officer, NLM, left the Library at the end of February to become Head of Biomedical Communication and Information Services at the Welch Medical Library, Johns Hopkins University School of Medicine, Baltimore. Dr. Kelner came to NLM in October 1968 from the University of Michigan, where he headed the MEDLARS Center.

* * *

M. Zane Thornton, most recently Acting Chief of the Network Plans and Management Branch, Lister Hill National Center for Biomedical Communications, transferred on February 8 to the National Bureau of Standards, where he is Deputy Chief, Center for Computer Sciences and Technology, in Gaithersburg, Maryland.

Publications

The 1971 edition of the *List of Journals Indexed in Index Medicus* is now available for $1.25 from the Superintendent of Documents, U. S. Government Printing Office, Washington, D. C. 20402. The 1971 *LJI* duplicates the full title and abbreviation listings which appeared in the January 1971 *Index Medicus*, but also contains a list of additions and changes during 1970, as well as listings of the journals by subject and geographic location.

* * *

The Superintendent of Documents has also announced the availability of the 1970 *Film Reference Guide for Medicine and Allied Sciences*, published by the National Medical Audiovisual Center in cooperation with the Federal Advisory Council on Medical Training Aids. Priced at $2.75, the *Guide* contains information on approximately 2,000 films. All orders should be sent, with remittance, to the Superintendent of Documents, U. S. Government Printing Office, Washington, D. C. 20402.

A Tale of Interlibrary Cooperation

Dr. John B. Blake, Chief, History of Medicine Division, recently received the following letter from the Library of the College of Physicians of Philadelphia:

> Dear Dr. Blake,
>
> In the course of cataloguing and recataloguing pamphlets in the Historical Collections of this Library, we came upon the enclosed: "Lettera scritta dal Signor Cristoforo Mantellassi...alla probabilita' della superfetazione,..." which appeared in a volume entitled, "Dissertazioni e lettere scritte sopra varie materie da diversi illustri autori viventi,..." (Firenze, A. Bonducci, 1749), *tomo primo*.
>
> The second series of the Index-Catalogue lists the Dissertazioni as being incomplete, with title-page and pp. 55-108 missing. Mr. McDaniel and I wondered if our piece, comprising title-page, pp. iii-xvi, and pp. 55-108, may not be the piece that was detached from your volume before it was catalogued.
>
> If so, we hope to reunite the parts by presenting this piece to you....
>
> Sincerely yours,
> (Mrs.) Lisabeth M. Holloway
> Associate Curator
> Historical Materials.

As a footnote/grace note to this brief story, it may be pointed out that the NLM volume has a note on the flyleaf, "Presented by Dr. John Stockton Hough, Trenton, N. J. Feb. 23/86." Since the section sent from Philadelphia is stamped "Stockton Hough Collection," bibliophiles may rejoice that these *disiuncta membra*, separated since 1886, have at last been reunited.

(Conference,from Page 3)

Bureau of Health Manpower Education, NIH; Dr. Cheves McC. Smythe, Dean, University of Texas Medical School, Houston; Dr. William G. Cooper, Director, Office of Educational Resources, University of Colorado Medical Center; Stephen P. Dittman, Jr., Chairman, Department of Audio-Visual Resources, Medical University of South Carolina; Dr. Charles F. Bridgman, Director, National Medical Audiovisual Center, NLM; Dr. Devoe Killip, Associate Professor, University of Iowa College of Dentistry; Dr. John J. Sharry, Assistant to the President, University of Alabama in Birmingham; and Dr. Benjamin Felson, Chairman, Department of Radiology, Cincinnati General Hospital.

Additional information and advance registration forms may be obtained from Mr. James P. Thompson, Educational Communications Foundation, 3150 Spring Street, Fairfax, Virginia 22030.

New NLM Literature Searches

Single copies of the following new bibliographies are available on request to the Literature Search Program, Reference Section, National Library of Medicine, 8600 Rockville Pike, Bethesda, Maryland 20014. Please request the searches by both number and title. (A complete list of available searches is published monthly in *Index Medicus.)*

71-1 Fetal monitoring during labor. January 1966 - March 1971. (137 citations)

71-2 Genetic counseling. January 1968 - March 1971. (92 citations)

71-3 Transplantation in the therapy of hearing disorders. January 1968 - March 1971. (258 citations)